

APPENDIX E

Variances



**INTERNATIONAL
TECHNOLOGY
CORPORATION**

Variance No: CWMPARCEL182NOVEMBER01.VR1

Linked w/NC No: X

Date of Issue: 11-16-01

Page 1 of 1

Project Name: Fort McClellan – CK10 \ WAD 01

Project Number: 796887.01020300

-Variance Report -

I. Description: (by the person identifying the change)

SITE-SPECIFIC FIELD SAMPLING PLAN, SITE-SPECIFIC SAFETY AND HEALTH PLAN, AND SITE-SPECIFIC UNEXPLODED ORDNANCE SAFETY PLAN ATTACHMENTS FOR CHEMICAL WARFARE MATERIAL SITES: TRAINING AREA T-5, PARCEL 182.

The Final Site-Specific Field Sampling Plan (FSSFSP) proposed the collection of surface water samples and sediment samples at sample locations CWM-182-SW\SD02, CWM-182-SW\SD03, CWM-182-SW\SD04, CWM-182-SW\SD05 and CWM-182-SW\SD06. The five surface water samples and five sediment samples were not collected. Depositional soil samples were collected at these locations.

Identified by: Greg Sylwester, Risk Assessment Specialist

Date: 11-16-01

II. Justification for Variance:

The FSSFSP proposed a surface water sample and sediment sample at sample locations CWM-182-SW\SD02, CWM-182-SW\SD03, CWM-182-SW\SD04, CWM-182-SW\SD05 and CWM-182-SW\SD06. Surface water and sediment were not present in the creek during sample collection. Several attempts were made to collect a surface water sample and sediment sample, but all attempts were unsuccessful. Therefore, depositional soil samples CWM-182-DEP01, CWM-182-DEP02, CWM-182-DEP03, CWM-182-DEP04 and CWM-182-DEP05 were collected at those locations to determine the presence or absence of contamination.

III. Applicable Document/Work Plan: (by the person identifying the change)

Final Site-Specific Field Sampling Plan, Site-Specific Safety and Health Plan, and Site-Specific Unexploded Ordnance Safety Chemical Warfare Material Sites – Agent ID Area (Parcel 509), Training Area T-6 (Naylor Field) (Parcel 183), Blacktop Training Area (Parcel 511), Fenced Yard in Blacktop Training Area (Parcel 512), Dog Training Area (Parcel 513), Dog Kennel Area (Parcel 516), Training Area T-5 (Parcel 182), Former Detection and Identification Area (Parcel 180), Old Burn Pit (Parcel 514), CBR Proficiency Area (Parcel 517) and Old Toxic Training Area (Parcel 188); October, 2000.

Distribution List:

1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Ellis Pope, US Army Corps of Engineers
6. Mr. Ross McCollum, US Army Corps of Engineers

- Signatures -

Requested by: Jeffrey Tarr, PG - IT Site Manager 11-27-2001
Date

Approved by: Stanley E. Lawton, USACE 11-29-01
Date

Project Manager Approval: Jeanne Yacoub 12/6/01
Date

QA Approval: Randy McBride 12-5-01
Date



**INTERNATIONAL
TECHNOLOGY
CORPORATION**

Variance No:

CWMPARCEL511(7)513(7)SE
PT02.VR1

Linked w/NC No:

x

Date of Issue:

9/12/02

Page 1 of 1

Project Name: **Fort McClellan – CK10**

Project Number: 796887

-Variance Report -

I.Description: (by the person identifying the change)

FINAL SITE-SPECIFIC FIELD SAMPLING PLAN FOR CHEMICAL WARFARE MATERIAL SITES; BLACKTOP TRAINING AREA, PARCEL 511(7) AND DOG TRAINING AREA, PARCEL 513(7)

The Final Site-Specific Field Sampling Plan (FSSFSP) inadvertently proposed two sample locations, CWM-511-SW\SD01 and CWM-513-SW\SD02, at the same location. A third sample location, CWM-513-SW\SD01, was proposed approximately 100 feet north of CWM-511-SW\SD01 and CWM-513-SW\SD02. Due to the proximity of these sample locations, CWM-513-SW\SD01 was eliminated. Proposed sample location CWM-511-SW\SD01 was moved approximately 140 feet north, adjacent to the bridge that connects the site with Reggie Avenue and CWM-513-SW\SD02 was collected at it's proposed location. Surface water and sediment were not present during sample collection. Therefore, depositional soil samples were collected at those locations.

Identified by: Leigh Yates, Risk Assessment Specialist

Date: 9/12/02

II. Justification for Variance:

Two sample locations, CWM-511-SW\SD01 and CWM-513-SW\SD02, were proposed at the same location and a third, CWM-513-SW\SD01, within 100 feet. Due to the proximity of these sample locations, CWM-513-SW\SD01 was eliminated. Proposed sample location CWM-511-SW\SD01 was moved approximately 140 feet north, adjacent to the bridge that connects the site with Reggie Avenue, and CWM-513-SW\SD02 was collected at it's proposed location. Surface water was not present during sample collection. Therefore depositional soil samples CWM-511-DEP01, CWM-511-DEP02, and CWM-513-DEP01 were collected at proposed surface water and sediment sample locations at CWM-511-SW\SD01, CWM-511-SW\SD02, and CWM-513-SW\SD02 respectively.

III. Applicable Document/Work Plan: (by the person identifying the change)

Final Site-Specific Field Sampling Plan for the Site Investigation at the Chemical Warfare Material Sites – Agent ID Area (Parcel 509), Training Area T-6 (Naylor Field)(Parcel 183), Blacktop Training Area (Parcel 511), Fenced Yard in Blacktop Area (Parcel 512), Dog Training Area (Parcel 513), Dog Kennel Area (Parcel 516), Training Area T-5 (Parcel 182), Detection and Identification Area (Parcel 180), Old Burn Pit (Parcel 514), CBR Proficiency Area (Parcel 517), and Old Toxic Training Area (Parcel 188), Fort McClellan, Calhoun County, Alabama, October 2000.

Distribution List:

1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Ellis Pope, US Army Corps of Engineers
6. Mr. Ross McCollum, US Army Corps of Engineers

- Signatures -

Requested by: Jeffrey Tarr, PG - IT Site Manager

Date

Approved by:

Date

Project Manager Approval:

Date

QA Approval:

Date



INTERNATIONAL
TECHNOLOGY
CORPORATION

Variance No: CWMPCARCEL182FEB02.VR1

Linked w/NC No:

X

Date of Issue: 2/7/02

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Project Name: **Fort McClellan – CK10**

Project Number: 796887

-Variance Report -

I. Description: (by the person identifying the change)

FINAL SITE-SPECIFIC FIELD SAMPLING PLAN FOR CHEMICAL WARFARE MATERIAL SITES; TRAINING AREA T-5, PARCEL 182

The Final Site-Specific Field Sampling Plan (FSSFSP) proposed using hollow-stem augers to install residuum monitoring well HR-182-MW01. Residuum monitoring well HR-182-MW01 was installed using air rotary drilling techniques.

Identified by: James Dendy, Drill Supervisor

Date: 2/7/02

II. Justification for Variance:

The FSSFSP proposed drilling with hollow-stem augers at residuum monitoring well location HR-182-MW01. However, during drilling activities auger refusal was encountered at 18 feet below ground surface (bgs) and groundwater was not present. Therefore, a decision was made to install the monitoring well using air rotary drilling techniques. Groundwater was encountered during air rotary drilling and the well was successfully installed at 69 feet bgs. This variance will not alter the intent of the Site Investigation at Training Area T-5.

III. Applicable Document/Work Plan: (by the person identifying the change)

Final Site-Specific Field Sampling Plan for the Site Investigation at the Chemical Warfare Material Sites – Agent ID Area (Parcel 509), Training Area T-6 (Naylor Field)(Parcel 183), Blacktop Training Area (Parcel 511), Fenced Yard in Blacktop Area (Parcel 512), Dog Training Area (Parcel 513), Dog Kennel Area (Parcel 516), Training Area T-5 (Parcel 182), Detection and Identification Area (Parcel 180), Old Burn Pit (Parcel 514), CBR Proficiency Area (Parcel 517), and Old Toxic Training Area (Parcel 188), Fort McClellan, Calhoun County, Alabama, October 2000.

Distribution List:

1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Ellis Pope, US Army Corps of Engineers
6. Mr. Ross McCollum, US Army Corps of Engineers

- Signatures -

Requested by: Jeffrey Tarr, PG - IT Site Manager 2-7-2002
Date

Approved by: *CDE* *Darryl A. Hitt* 02/13/02
Date

Project Manager Approval: *Jeanne Yacoub* 2/20/02
Date

QA Approval: *Randy L. McBride* 2-19-02
Date